Antioxidant Activities of Three Dihydrochalcone Glucosides from Leaves of *Lithocarpus pachyphyllus*

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\textit{In vitro} antioxidant activities of three sweet dihydrochalcone glucosides from the leaves of *Lithocarpus pachyphyllus* (Kurz) Rehd. (Fagaceae), trilobatin 2\textsuperscript{-}acetate (1), phloridzin (2) and trilobatin (3), were investigated. The IC\textsubscript{50} (50\% inhibitory concentration) values for compounds 1–3 of lipid peroxidation in rat liver homogenate were 261, 28, 88\,µm, respectively. Compounds 1–3 increased superoxide dismutase (SOD) activity with EC\textsubscript{50} (50\% effective concentration) values of 575, 167, 128\,µm, and glutathione peroxidase (GSH-Px) activity with EC\textsubscript{50} values of 717, 347, 129\,µm, respectively, and showed only weak DPPH (1,1-diphenyl-2-picrylhydrazyl) radical scavenging activity.

\textbf{Key words:} Antioxidant Activities, *Lithocarpus pachyphyllus*, Sweet Dihydrochalcone Glucosides